

Title (en)
ANGLE AND TILT IMPLEMENT ASSEMBLY.

Title (de)
WINKEL- UND KIPPGERÄT.

Title (fr)
ENSEMBLE A ANGLE ET INCLINAISON.

Publication
EP 0023202 A4 19810424 (EN)

Application
EP 79901058 A 19800815

Priority
US 1216379 A 19790129

Abstract (en)
[origin: WO8001584A1] An implement assembly (12) includes an implement (16), such as, for example, a blade (22) of a work vehicle (10), pivotally connected to a frame (14) for supporting said blade (22). The blade (22) and frame (14) are closely positioned to the front of the work vehicle (10) for maximum stability and balance of the vehicle (10). In the implement assembly (12) first apparatus (18) tilts the blade (22) generally vertically. Second apparatus (20), such as, for example, angling cylinders (40, 42), moves the blade (22) to preselected angles relative to the vehicle (10). A subframe (50) is pivotally connected to the frame (14) and second apparatus (20). The blade (22) moves along the subframe (50) during tilting and with the subframe (50) to the preselected angles. Use of the subframe (50) substantially eliminates lateral movement of the angle cylinders (40, 42) during tilting for close mounting of the blade (22) and frame (14) without interference with the tractor (10) while minimizing weight of the implement assembly (12).

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